ABSTRACT

The invention relates to a method and device for the counterpressure-safe separation and elimination of particles from fluid streams. The invention concerns methods for operating a filter, particularly a particle filter for a combustion engine, whereby particles, particularly soot, that can be removed by a regeneration process, and particle constituents, particularly ashes, that cannot be removed by a regeneration process, are separated out from a fluid stream, which is introduced into the filter on a particle-laden gas side and which is led out on a purified gas side, by forcibly leading the fluid stream through a filter wall separating the particle-laden gas side from the purified gas side, and the particles are continuously or discontinuously removed from the filter by the regeneration process. According to the invention, methods and devices are provided, with which the removal of non-regenerable particle constituents from a filter (1, 1a) is simplified. This is achieved according to the first inventive method by virtue of the fact that the particle constituents are continuously or discontinuously moved, during operation of the filter (1, 1a), into a receiving device (5, 5a) that can be connected or is connected to the particle-laden gas side.